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Attorney Docket No.: 22058-513 CON2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Keith, *et al.*  
SERIAL NUMBER: 10/776,703 EXAMINER: Not yet assigned  
FILING DATE: February 10, 2004 ART UNIT: Not yet assigned  
FOR: USE OF INTERLEUKIN-11 TO TREAT GASTROINTESTINAL  
DISORDERS

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Alexandria, VA 22313-1450

TRANSMITTAL LETTER

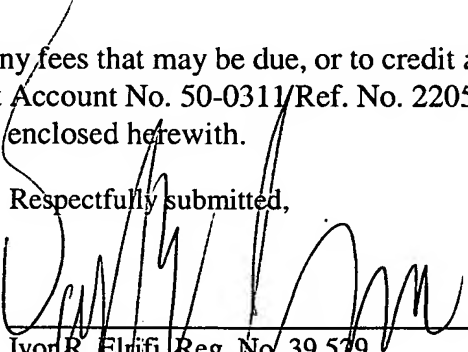
Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (1 page), in duplicate;
2. Modified Form 1449/PTO (5 pages), in duplicate;
3. Copies of Cited References: A4, C22-24, 62 & 71; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311/Ref. No. 22058-513 CON2. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,

  
Ivor R. Elrifi, Reg. No. 39,529  
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Dated: May 7, 2004



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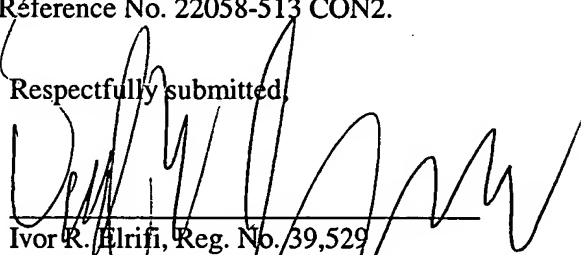
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**INFORMATION DISCLOSURE STATEMENT**

Applicants hereby make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is believed required. Copies of the references (\*) are not provided as they were previously cited or submitted to the USPTO in a prior application, Serial No. 09/920,532, filed August 1, 2001, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications). Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311 Reference No. 22058-513 CON2.

Respectfully submitted,

  
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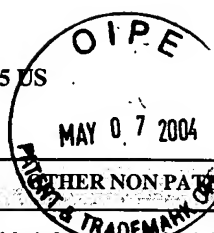
<p>Modified Form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>	Application Number	10/776,703
	Filing Date	February 10, 2004
	First Named Inventor	Keith
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Assigned Yet
	Attorney Docket Number	22058-513-CON2

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1*	5,215,895	06/01/93	Bennet, et al.			
	A2*	5,270,181	12/14/93	McCoy, et al.			
	A3*	5,292,646	03/08/94	McCoy, et al.			
	A4	5,460,810	10/24/95	Williams, et al.			
	A5*	5,679,339	10/21/97	Keith, et al.			
	A6*	5,700,664	12/23/97	Yang, et al.			
	A7*	5,958,401	09/28/99	Keith, et al.			
	A8*	6,126,933	10/03/00	Warne, et al.			

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
	B1*	WO	92/04455	Genetics Institute, Inc.	03/19/1992		

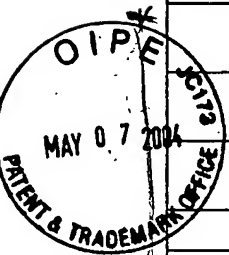
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	C21*	Depoortere, et al. (1999). Differential changes in Ach-, motilin-, substance P-, and K <sup>+</sup> -induced contractility in rabbit colitis. <i>Am. J. Physiol.</i> , 277(1 pt. 1):G61-G68.
	C22	Depoortere, et al. (1999). Treatment with IL-11 stimulates the release of motilin but not of substance P in a rabbit model of TNBS-colitis. (Abstract only). <i>Gastroenterology</i> . 116(4 part 2):A698.
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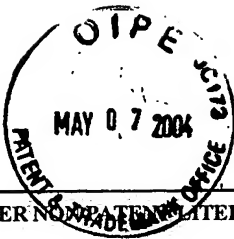
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	C56*	Opal, et al. (1999). <i>Blood</i> <u>93</u> (10): 3467-72.
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	C71	<b>Supplementary European Search Report for EP 00 92 3159, mailing date: February 19, 2004.</b>
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	C75*	Trepicchio, et al. (1996). Recombinant human IL-11 attenuates the inflammatory response through down-regulation of proinflammatory cytokine release and nitric oxide production. <i>J. Immunol.</i> <u>157</u> (8): 3627-34.
	C76*	Trepicchio, et al. (1997). IL-11 regulates macrophage effector function through the inhibition of nuclear factor-kappaB. <i>J. Immunol.</i> <u>159</u> (11): 5661-70.
	C77*	Van Assche, et al. (1997). Concentration-dependent stimulation of cholinergic motor nerves or smooth muscle by [Nle13]motilin in the isolated rabbit gastric antrum. <i>Eur. J. Pharmacol.</i> <u>337</u> (2-3): 267-74.
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	C84*	Yin, et al. (1993). Involvement of IL-6 signal transducer gp130 in IL-11-mediated signal transduction. <i>J. Immunol.</i> <u>151</u> (5): 2555-61.
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*	C90*	Zhong, et al. (1994). Stat3: a STAT family member activated by tyrosine phosphorylation in response to epidermal growth factor and interleukin-6. <i>Science</i> . 264(5155): 95-98.
*	C91*	Latkina, et al. (1994) The current pathogenetic aspects of diarrhea in ulcerative colitis. (Abstract only). <i>Terapevticheskii Arkhiv</i> . 66(12):67-70.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, U.S.S.N. 09/920,532, filed August 1, 2001, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

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